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1901/02

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

REGISTER

OF

PACIFIC UNIVERSITY

1901-1902

FOREST GROVE, OREGON

ISSUED MAY, 1902

FOUNDED 1848

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

REGISTER

OF

TUALATIN ACADEMY

AND

PACIFIC UNIVERSITY

1901-1902

WITH ANNOUNCEMENTS FOR

1902-1903

FOREST GROVE, OREGON

PORTLAND, OREGON:
MANN & ABBOTT, PRINTERS, 92 SECOND STREET
1902

SCHOOL-YEAR CALENDAR

1902

SEPTEMBER

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
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28	29	30	..	..	..	..
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OCTOBER

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1903

JANUARY

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FEBRUARY

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MARCH

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APRIL

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MAY

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JUNE

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CALENDAR.

1902.

Sept.	17	Wednesday	Fall Term begins at 10 A. M.
Sept.	19	Friday	College Reception.
Oct.	15	Wednesday	Founders' Day.
Nov.	27	Thursday	Thanksgiving Recess.
Nov.	28	Friday	
Dec.	23	Tuesday	The Fall Term ends.
Dec.	24	Wednesday	Christmas Recess.
Jan.	4	Sunday	

1903.

Jan.	5	Monday	Winter Term begins at 10 A. M.
Jan.	9	Friday	College Reception.
Feb.	8	Sunday	Day of Prayer for Colleges.
Feb.	23	Monday	Tree Planting Exercises.
March	20	Friday	The Winter Term ends.
March	21	Saturday	Spring Recess.
March	24	Tuesday	
March	25	Wednesday	Spring Term begins at 10 A. M.
March	27	Friday	College Reception.
May	4	Monday	Field Day.
May	30	Saturday	Memorial Day.
June	12	Friday	Junior Exhibition.
June	13	Saturday	Anniversary of the Conservatory of Music.
June	14	Sunday	Baccalaureate Sermon. Address before the College Christian Associations.
June	15	Monday	Address before the Literary Societies.
June	16	Tuesday	Closing Exercises of Tualatin Academy. Anniversary of the Alumni.
June	17	Wednesday	Commencement Exercises.
Sept.	16	Wednesday	Fall Term begins at 10 A. M.

TRUSTEES.

PROF. WILLIAM N. FERRIN, ex-officio, Forest Grove.

	Term expires.
MILTON W. SMITH, A. M., Portland	1902
NEWTON McCOY, A. B., Portland	1902
NAPOLEON DAVIS, A. M., Portland	1903
REV. MYRON EELLS, D. D., Twana, Washington	1903
A. T. GILBERT, Salem	1904
HON. H. H. NORTHUP, Portland	1904
REV. A. W. ACKERMAN, Portland	1905
REV. CEPHAS F. CLAPP, Forest Grove	1905
L. H. ANDREWS, Oregon City	1906
HON. H. W. CORBETT, Portland	1906
STEPHEN A. LOWELL, Pendleton	1906
HON. ALANSON HINMAN, Forest Grove	1907
FRANK M. WARREN, Portland	1907
HARVEY W. SCOTT, Portland	1907

OFFICERS OF THE BOARD.

HON. A. HINMAN	President
NAPOLEON DAVIS	Secretary
REV. MYRON EELLS, D. D.	Assistant Secretary
F. M. WARREN	Treasurer
R. H. BLOSSOM	Assistant Treasurer
W. B. HAINES	Financial Secretary

FINANCE COMMITTEE.

PROF. W. N. FERRIN,
MILTON W. SMITH,
HON. H. H. NORTHUP,
NAPOLEON DAVIS,
FRANK M. WARREN.

COMMITTEE ON TEACHERS.

PROF. W. N. FERRIN,
MILTON W. SMITH,
NAPOLEON DAVIS.

FACULTY AND OFFICERS.*

..... President.

JOSEPH WALKER MARSH,

A. B., University of Vermont, 1857; A. M. 1860. A. M., Bishop's College, Canada. Ph. D., T. A. and P. U., 1883.

Professor of Greek and Latin and Instructor in Logic.

WILLIAM NELSON FERRIN,

A. B., University of Vermont, 1875; A. M., 1878.

Dean of the Faculty and Acting President, and Vermont Professor of Mathematics.

JAMES ROOD ROBERTSON,

A. B., Beloit College, 1886; A. M., University of Michigan, 1891; University of Chicago, 1895.

Professor of History and Political Science.

REV. HENRY LIBERTY BATES,

A. B. Oberlin, 1876; A. M., 1880. B. D., Oberlin Theological Seminary, 1881.

Principal of the Academy and Acting Professor of Mental and Moral Science.

†ALBERT RADDIN SWEETSER,

A. B., Wesleyan, Middletown, Conn., 1884; A. M., 1887. Massachusetts Institute of Technology, 1884-85. Harvard College, 1893-97.

Professor of Biology and Chemistry.

MARY FRANCES FARNHAM,

Graduate of Mt. Holyoke and Student at Radcliffe.

Dean of Women and Professor of English Language and Literature.

CHARLES EDWARD BRADLEY,

B. S., Pacific University, 1897; M. S., 1900. Student Chicago University, 1901.

Professor of Chemistry.

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*The Faculty are arranged in the order of their appointment.

†Resigned February, 1902.

LOUIS BACH, A. M.,
Student Strassburg, Germany, 1873-75; Basel, Switzerland, 1875-80.
Professor of Modern Languages.

(*) ROLLO LU VERNE LYMAN,
A. B., Beloit College, 1899.
Instructor in Public Speaking and English.

WILLIAM THOMAS FLETCHER,
B. S., Pacific University, 1900.
Instructor in Mathematics and Latin.

RUTH ALTA ROGERS,
Graduate Oberlin Conservatory of Music, 1901.
Instructor in Pianoforte, Organ and Theory.

MRS. FRANK JOHN RALEY,
Instructor in Vocal Music.

NETTIE BURR,
Instructor tn Violin.

RUTH ALMEDA BAILEY,
A. B., Oberlin, 1899.
Instructor in Academy.

ARCHIBALD ANAND ATKINSON,
A. B., Pacific University, 1901. Student Oregon State University, 1901.
Instructor in Biology.

GEORGE ELLETT COGHILL,
A. B., Brown University, 1896. Sc. M., University of New Mexico, 1899. Ph. D., Brown University, 1902.
Professor of Biology

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*Leave of absence 1902-1903.

PROFESSOR MARSH,
Librarian.

PROFESSOR ROBERTSON,
Registrar.

MR. FLETCHER,
Clerk of the Faculty.

OLIVIA A. HASKELL,
Matron Herrick Hall.

FORMER PRESIDENTS.

SIDNEY HARPER MARSH, D. D.....1854-1879
JOHN R. HERRICK, S. T. D.....1880-1883
JACOB FRANK ELLIS, D. D.....1883-1891
THOMAS McCLELLAND, D. D.....1891-1900

STANDING COMMITTEES.

LIBRARY AND READING ROOM.
Professors Marsh, Bates and Robertson.

ATHLETICS.
Prof. Bradley, Prin. Bates, Mr. Fletcher, Messrs. Millis, Day, Sewell, C. Fletcher, Bryant, A. Gilbert.

CLASSIFICATION OF STUDENTS.
Professors Robertson, Farnham and Bradley.

COURSES OF STUDY.
Professors Ferrin, Marsh, Sweetser, Bates and Robertson.

LECTURES.
Professors Ferrin, Lyman and Farnham.

SCHEDULE OF RECITATIONS.
Professors Robertson and Bates.

PUBLICATIONS.
Professors Robertson, Farnham and Mr. Fletcher.

DISCIPLINE.
Professors Ferrin, Bates, Farnham, Bradley and Robertson.

GENERAL INFORMATION.

HISTORY.

Pacific University owes its origin to missionary activity. In 1842 Rev. Harvey Clark came to Oregon as an independent missionary to the Indians, and located at West Tualatin, now Forest Grove. The idea of an institution of learning early took possession of his mind and was partially realized in the establishment of a school near the site of the present college building, under the patronage of Mr. Clark and the direction of Mrs. Tabitha Brown.

In 1848 Rev. George H. Atkinson, D. D., came to Oregon as the representative of the American Missionary Society for the Northwest. Being urged, upon his departure for the West, by Rev. Theron Baldwin, Secretary of the American College and Education Society, to build in Oregon "an academy which should grow into a college," he cherished the idea, and upon his arrival early sought to carry it into effect.

In the accomplishment of this purpose he was most heartily supported by Mr. Clark. Acting together, they called a meeting of the Congregational and Presbyterian churches at Oregon City, on September 4, 1848. At this meeting it was decided to establish an academy with collegiate powers, and a Board of Trustees was chosen. On September 29, 1849, "a seminary of learning for the instruction of both sexes in science and literature, to be called Tualatin Academy," from the Indian name of the river and plain, was incorporated. Mr. Clark was first President of the Board of Trustees, in which capacity he served until his death, and Dr. Atkinson was elected first Secretary, a position which he held for forty years. Hon. A. Hinman, of Forest Grove, President of the Board of Trustees, is the only member of the original Board of Trustees serving today. The late Hon. Henry Failing

acted as a member of the Board and Treasurer from 1870 until his death.

Through the gift of Mr. Clark and others a campus was secured and land for the site of a village as the basis of an endowment. An old log schoolhouse served the purpose for recitations until the first building was begun in 1851. In 1852 Dr. Atkinson made a journey East in the interest of the institution and secured the endorsement of the American College and Education Society.

The services of a teacher were guaranteed by the Education Society, and Rev. S. H. Marsh, a graduate of Union Theological Seminary, was secured. Coming from a prominent line of educators in Vermont University, he brought to his work high standards, and upon his arrival the scope of the work was enlarged. In January, 1854, new articles of incorporation were granted, and a collegiate department called Pacific University was added to Tualatin Academy.

Through the three successive efforts of Dr. Marsh the endowment was increased. The following names taken from a list of early contributors are an indication of the patronage through which the institution was established: S. F. B. Morse, inventor of the telegraph, and S. E. Morse, his brother; William E. Dodge, Ezra Farnsworth, Henry Ward Beecher, Timothy Dwight, D. W. James, Vice-President of American Board; Frederick and Mrs. Billings, A. S. Hatch, Edward Everett, S. D. Warren, Dr. E. N. Kirk, David Whitcomb, John Tappan, A. S. Barnes, P. L. Moen, C. P. Huntington.

The necessity of a faculty for the collegiate department soon became apparent, and among those who came at various times as associates to Dr. Marsh were Rev. Horace Lyman, E. A. Tanner, late President of Illinois College; G. H. Collier, Joseph W. Marsh, A. J. Anderson, ex-President of Washington University; Thomas Condon, of the Oregon University; W. N. Ferrin and W. D. Lyman.

On the death of Dr. Marsh in 1879, Rev. John R. Herrick was chosen President, and the building now bearing his name was constructed as a dormitory for young women, during his administration. In 1883, Rev. J. F. Ellis, D. D., was elected President, and in 1891 Rev. Thos. McClelland, D. D. Since 1891 the college building bearing the name of Marsh Hall has been erected, the number of the faculty increased, the scope of the work enlarged and the endowment increased by the gift of $50,000 from Dr. D. K. Pearsons, and $100,000 from Dr. E. H. Williams, J. H. Converse, H. W. Corbett, Henry Failing and a large number of others.

AIMS.

Tualatin Academy and Pacific University was founded in order to make it possible for the young people of the Pacific Northwest to obtain a thorough education under Christian influences. As it is not entirely dependent for its support upon the tuition paid by its students, and consequently the mere number of students in attendance is not regarded as all-important, the Faculty is able to maintain thorough standards of scholarship in all grades of study.

LOCATION.

The College is located at Forest Grove, Oregon, a beautiful and growing town of 1,000 inhabitants. It is situated on the Southern Pacific Railroad, West Side, twenty-six miles from Portand, and is easily reached by two trains daily from either direction.

The college has been the chief factor in building up the town. No drinking saloons are permitted. Its beautiful location, healthful climate and well-deserved reputation for general good order make Forest Grove a home for students remarkably free from the temptations and dangers often surrounding school life.

BUILDINGS.

The buildings are situated on a campus of thirty acres, covered in part with a growth of native oaks and spruce, and commanding a fine view of the surrounding mountains.

MARSH MEMORIAL HALL. This building, raised in commemoration of ex-President Sidney Harper Marsh, is constructed of brick with stone trimmings. The dimensions are 142x70 feet. There are thirteen recitation rooms, a reception room, office, literary society and Christian Association rooms, art room and library. There is also a commodious chapel, which, when thrown open into the adjoining rooms, will seat 800 people. The building is well lighted and ventilated, and is heated throughout by hot water.

SCIENCE HALL. A substantial two-story building formerly used for library and recitation purposes, is now used as a biological and chemical laboratory.

HERRICK HALL. This four-story building, conveniently arranged, furnishes excellent accommodations for young women to room and board, and also affords table board for a number of young men.

The different floors are supplied with water, and a bath room with hot and cold water is provided. The laundry in the basement furnishes young women, who so choose, an opportunity to do their own washing. The upper floors are soon to be provided with fire escapes.

Each suite of rooms, consisting of study and sleeping room with large closet, is adapted to two occupants. The rooms are heated, and furnished with carpet, study table, stand, mirrors, chairs, woven-wire bed with mattress, electric lights, and toilet set. Occupants will be expected to provide themselves with towels, napkins and necessary bedding.

The hall is conducted so as to afford a well-regulated Christian home for young women coming from out of town.

ACADEMY BUILDING. The building known as the Academy has been, through the kindness of a friend in New York, remodeled and furnished at an expense of about $5,000, and offers a considerable addition to the accommodations.

MEN'S DORMITORY. Young men may obtain comfortable rooms at the men's Dormitory. These rooms are supplied with woven-wire bed, washstand, table, chairs and stove. Occupants are expected to provide all other necessary furnishings, including mattress and bedding. The rates for the present year will be found under the head of "expenses."

GYMNASIUM. The gymnasium affords opportunity for athletic exercises, and is open to students under proper restrictions.

APPARATUS AND COLLECTIONS.

The Chemical Laboratory is well supplied with apparatus and chemicals needed in the courses in General and Analytical Chemistry. The Biological Laboratory is equipped with miscroscopes, microtome, immersion lens, and other apparatus sufficient for individual work in botany, zoology and bacteriology. The rooms are supplied with desks and tables with appropriate fixtures, water and gas, balances, and a set of assaying apparatus.

The Mathematical Department is supplied with a valuable set of engineering instruments. Through the kindness of friends at the East a fine stereopticon has been provided for the use of the institution.

A good series of specimens, partly from Europe, illustrates the origin of the various kinds of rock. A fair collection of fossils serves to show the sequence of geological times and their fauna and flora. An excellent series

of ores and other minerals is also accessible to the students for investigation.

An herbarium of over 2,000 species (mostly from this region), belonging to the College, constitutes the collection of plants accessible for study.

The Oregon World's Fair exhibit of native plants, consisting of 480 species, has been deposited in the Botanical Laboratory.

A station of the State Weather Bureau is established at the University, and students have an opportunity to become familiar with the use of the standard instruments of the Government Signal Service. Daily readings of the various instruments are taken under the direction of a member of the Faculty, and a complete record is kept. The weather forecasts, issued by the Government, are received daily and displayed by the University.

Contributions to the library and collections are solicited, and may be sent to any member of the Faculty.

LIBRARY AND READING ROOM.

The College Library now numbers about 12,000 volumes, and is open to all students daily. These volumes are classified for ready reference, and in some of the more important departments of knowledge the Library is quite well supplied. During the year 1901-02 about 1,000 volumes have been added, by gift, purchase and binding.

The Library is a public depository of Government publications, which are available for reference to the public free of charge. The general library may be used by alumni of the College for a fee of $3.00 per year, and by others for $5.00 per year.

The reading room, which is supplied with a well-selected list of leading magazines and periodicals, includ-

ing religious and secular newspapers of different denominations and parties, is open to all students.

LECTURES AND ADDRESSES.

September 18, "Opening Day," Rev. S. M. Freeland; October 16, "Founders' Day," Hon. H. W. Scott; November 13, "The Government at Washington," Hon. T. H. Tongue; December 11, "Shakespeare's Country," Prof. J. F. Ewing; January 15, 1902, "Climbing the Heights," Hon. Stephen A. Lowell; February 26, "Sources of Our Laws," Hon. W. W. Cotton; April 2, "Israel's Gifts to the World," Rabbi Stephen S. Wise; May 7, "The Slave Power and the Free States," Dr. Wm. A. Mowry.

LITERARY SOCIETIES.

There are three student societies in the institution—the Gamma Signa and Alpha Zeta for men, and the Philomathean for women. Membership in them is voluntary. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations and discussions are presented, and a familiarity with parliamentary rules is gained. Suitable rooms have been provided for the societies in Marsh Memorial Hall. These societies are members of the State Oratorical Association and Debating League.

PHYSICAL TRAINING.

The gymnasium will be thrown open free to all students during certain hours daily. Permits, however, must be obtained from the officer in charge. Exercise in the open air and athletic sports are encouraged, and spacious grounds on the College Campus afford excellent opportunities for this kind of physical culture. A well-equipped bowling alley is maintained in the basement of Marsh Hall. A four-lap running track has been constructed on the College athletic field. Athletics is under the charge of a committee consisting of three members of the Faculty and six from the Student Body.

REGULATIONS.

The institution does not desire the attendance of any students who are not industrious and well-disposed, or who are too wayward for home restraint. To such as are earnest, it affords the advantages of a quiet and orderly community with all the opportunities of study and mental development afforded by an institution on a firm foundation. A careful record of attendance, deportment and scholarship is kept, and reports are sent to the parents of all minor students at the end of each term. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

The immediate control in all matters pertaining to the conduct of students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rule of good manners and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

A detailed pamphlet of regulations will be given to each student upon entrance and furnished to all patrons upon request.

CLASS STANDING.

In determining the average term standing, the average daily standing will count two-thirds, and the final examination one-third. Every student whose average daily standing in any study is above 95, will be excused from examination in such study at the end of the term.

WOMEN.

Young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies they recite together. All the young women of the institution are under the supervision of the Dean of Women.

RELIGIOUS EXERCISES.

The institution aims to give its students a thorough education, and it believes that the highest intellectual culture and the greatest moral excellence can be obtained only as they are developed from the principles of Christianity. To this end, some special religious exercises are requisite. Accordingly, all students are required to attend daily prayers at the chapel, and church services on Sunday morning. The churches of the town represent the following denominations: Congregational, Disciples and Methodist. Each student attends the church of his choice, but must select and attend some one church regularly. Bible study occupies a place throughout the curriculum.

Branches of the College Young Men's and Young Women's Christian Associations are maintained by the students, and prayer-meetings occur every Tuesday evening, to which all the students are invited. The work of these societies is very helpful in determining the Christian character of the institution. A room in Marsh Hall has been suitably furnished for the use of the Christian societies.

EXPENSES.

Tuition and other expenses are made as low as possible, so as to bring a thorough education within the reach of all.

Tuition must be paid in advance each term, and charges for rooms and board in College buildings in advance at the beginning of each half-term, to the Financial Secretary.

College Tuition, per term.....$15.00
Academy Tuition, per term..... 10.00

Each student pays an incidental fee of one dollar per term, to be used for library, reading room and gymnasium.

A fee of fifty cents, to be paid to the Financial Secretary, will be charged for any special or extra examinations, and a receipt therefor must be presented at time of examination.

The charge for one study (five hours per week) is one-half the regular rate of tuition. For more than one study, full rates are charged. Special laboratory fees are charged as indicated in "Departments and Methods of Work."

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases in which they are excused before the middle of the term on account of their own sickness, in which event the tuition for the latter half of the term will be paid back.

Each student is required to exhibit to his various instructors, during the first week of each term, the Treasurer's receipt for his term bills, or a certificate showing that satisfactory adjustment of them has been made.

It is estimated that the average necessary expenses for a college year range from a minimum of $135 to a maximum of $250.

BOARD AND ROOMS.

HERRICK HALL. The price of room rent and board, including heat and light, is, for the present, from $3.00 to $4.00 per week, according to the location and furnishing of rooms. Table board for young men, $2.50.

MEN'S DORMITORY. The price of room rent is 20 cents per week for each occupant, exclusive of lights and fuel.

The rooms are arranged for two occupants. Good board will be furnished on the club plan at actual cost, which during the past year has averaged about $1.50 per week. A similar boarding club for young women has been in operation during the past year, where the price of board has averaged about the same.

Rooms and board may be obtained in private families in the town.

STUDENTS' AID.

The College desires to encourage self-supporting students, and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young man or woman possessed of good health and a determination to secure a college education need fail in the attempt.

Through a bequest of $10,000 by Mr. Charles Atkinson, of Moline, Ill., the Atkinson Scholarship Fund has been established. There is also a Benedict Scholarship Fund of over $2,000. The income received from these funds is applied to assist worthy students whose circumstances require it. Any one who indulges in the use of tobacco or has any other expensive habit will be debarred from such aid. Application for aid must be made each term to the President. Sons and daughters of missionaries in actual service are admitted upon payment of one half tuition.

The educational societies assist those in College who are preparing for the Christian ministry.

PRIZES.

Prizes to the amount of $75.00 have been offered during the past year by Mr. William H. Tibbals, of Salt Lake City, for excellence in public speaking, and two prizes of

$25.00 each by Hon. H. W. Corbett for excellence in Declamation and Calculus.

CORPORATE NAME.

The corporate name of this institution is "The President and Trustees of Tualatin Academy and Pacific University."

THE COLLEGE.

TERMS OF ADMISSION.

Candidates for admission must be at least fifteen years of age. A proportionate increase in age is required to enter advanced classes.

The course given in Tualatin Academy or its equivalent is required for entrance to College. For further information, see pp. 44-52.

ACCREDITED SCHOOLS.

Graduates of any schools having a course of study equivalent to that of Tualatin Academy and which has been approved by the Faculty, after personal visitation or examination of the course of study, will, when recommended by the principal of the school for admission to any college course, be admitted without examination. Schools may be accredited for partial fitting, and students will be required to pass examinations only in such subjects as are not credited in the entrance requirements.

The following schools have been placed upon the accredited list for full or partial credit, and it is the purpose to add others as soon as their courses can be examined and approved:

Portland Academy, Portland High School, Astoria High School, Tacoma High School, Tacoma Academy, Puget Sound Academy, Weiser Academy, Pendleton High School, Pendleton Academy, Heppner High School,

Oregon City High School, Vancouver High School, The Dalles High School, La Grande High School, Roseburg High School, Baker City High School, Hood River Grammar School, Hillsboro Grammar School, Forest Grove Grammar School, Mitchell Grammar School, Joseph Grammar School, Union Grammar School, Goldendale Grammar School, North Yamhill Grammar School, Park Place Grammar School.

Schools which desire to have their pupils thus admitted are requested to send to the Secretary of the Faculty their courses of study. All certificates should, if possible, be sent before Commencement.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

SCHOLARSHIPS.

A scholarship, consisting of tuition for one year, will be given to the student attaining the highest rank in the graduating class in any of the schools in the accredited list.

COURSES OF STUDY.

1. Candidates for the degree of Bachelor of Arts, after pursuing a required course in Greek, Latin, Mathematics, History, English, and the introductory study of the sciences through the Freshman and Sophomore years, are allowed to elect a certain number of their studies. Certain studies are still required of all alike through the course, and each student is required so to choose from the electives as to bring his total work up to a prescribed number of exercises per week. The subjects are offered in most cases in such a way as to furnish continuous courses of study in each department. See list of electives below.

2. Candidates for the degree of Bachelor of Science will pursue the same courses, required and elective, as candidates for the degree of Bachelor of Arts, except that the place of Greek will be taken by Analytical Geometry, Calculus and Advanced work in Chemistry and Biology.

3. The course leading to the degree of Bachelor of Literature is a four years' course, and is designed for those who do not desire to pursue the study of Greek, Higher Mathematics or Advanced Science. The other required work and the elective courses are the same as for the degree of Bachelor of Arts, except that Music may be substituted for part of the elective work.

DEGREES.

The degree of Bachelor of Arts is conferred upon the graduates of the Classical Course; that of Bachelor of Science upon graduates of the Scientific Course; that of Bachelor of Letters upon graduates of the Literary Course. There is a charge of $5.00 for Diploma.

Any Bachelor of Arts may receive the degree of Master of Arts, and any Bachelor of Science may receive the degree of Master of Science, in course, after not less than two years after graduation, in which there shall not be less than one year of work in studies pursued under direction of the Faculty; the candidate to present a satisfactory thesis at the time of receiving the degree. Provided that two years of approved professional study may be substituted for the study above referred to.

SPECIAL STUDENTS.

In the arrangement of the courses the established fact is recognized that fixed schemes of study must be maintained in the interest of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in the branches of study pursued.

OUTLINE OF COLLEGE COURSES.

FRESHMAN YEAR.

FALL		WINTER		SPRING	
Classical	Hours		Hours		Hours
Livy	4	Tacitus	4	Horace	5
Algebra	5	Trigonometry	5	Engineering or Amer. Lit.	5
Herodotus	5	Homer	5	Thucydides	5
Rhetoric	2	Rhetoric	2	Rhetoric	2
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1
Scientific	Hours		Hours		Hours
Livy or German or French	4	Tacitus or German or French	4	Horace or German or French	5
Algebra	5	Trigonometry	5	Engineering	5
History	3	History	3	History	3
English Literature	2	English Literature	2	English Literature	2
Rhetoric	2	Rhetoric	2	Rhetoric	2
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1
Literary	Hours		Hours		Hours
Livy or German or French	4	Tacitus or German or French	4	Horace or German or French	5
Algebra	5	Trigonometry	5	American Lit.	5
History	3	History	3	History	3
English Literature	2	English Literature	2	English Literature	2
Rhetoric	2	Rhetoric	2	Rhetoric	2
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1

SOPHOMORE YEAR.

FALL		WINTER		SPRING.	
Classical	Hours		Hours		Hours
Biology	5	Biology and Chemistry	5	General Chemistry	5
Sophocles	5	Terence and Quintilian	5	Plato	3
History	3	History	3	History	3
English Lit.	2	English Lit.	2	Botany	2
Public Speaking	2	Public Speaking	2	Public Speaking	2
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1
Scientific	Hours		Hours		Hours
Biology	5	Biology and Chemistry	5	General Chem.	5
German	5	German	5	German	5
Analytical Geometry	5	Calculus or Advanced Biology	5	Calculus or Advanced Biology and Botany	5
Public Speaking	2	Public Speaking	2	Public Speaking	2
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1
Literary	Hours		Hours		Hours
Biology	5	Biology and Chemistry	5	General Chemistry	5
English History	3	English History	3	English History	3
History of Art	3	History of Art	3	Botany	2
English Lit.	5	English Lit.	5	English Lit.	5
Public Speaking	2	Public Speaking	2	Public Speaking	2
Greek and Latin Testament	1	Greek and Latin Testament	1	Greek and Latin Testament	1

JUNIOR YEAR.

FALL		WINTER		SPRING	
Classical	Hours		Hours		Hours
Mechanics	5	Physics	5	Astronomy	5
German	5	German	5	German	5
Elective	5	Elective	5	Elective	5
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Biblical Literature	1	Biblical Literature	1	Biblical Literature	1
Scientific	Hours		Hours		Hours
Mechanics	5	Physics	5	Astronomy	5
Chemistry or Biology	5	Chemistry or Biology	5	Chemistry or Biology	5
Elective	5	Elective	5	Elective	5
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Biblical Literature	1	Biblical Literature	1	Biblical Literature	1
Literary	Hours		Hours		Hours
German	5	German	5	German	5
Universal Lit.	2	Universal Lit.	2	Universal Lit.	2
Adv. Rhetoric	3	Adv. Rhetoric	3	Adv. Rhetoric	3
Elective	5	Elective	5	Elective	5
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Biblical Literature	1	Biblical Literature	1	Biblical Literature	1

SENIOR YEAR.

FALL		WINTER		SPRING	
Classical	Hours		Hours		Hours
Economics	3	Economics	3	Ethics	5
Psychology	3	Psychology	3	Geology	5
Logic	4	Evidences	4	Elective	5
Elective	5	Elective	5	Rhetoricals	1
Rhetoricals	1	Rhetoricals	1	Biblical Literature	1
Biblical Literature	1	Biblical Literature	1		
Scientific	Hours		Hours		Hours
Economics	3	Economics	3	Ethics	5
Psychology	3	Psychology	3	Geology	5
Logic	4	Evidences	4	Elective	5
Elective	5	Elective	5	Rhetoricals	1
Rhetoricals	1	Rhetoricals	1	Biblical Literature	1
Biblical Literature	1	Biblical Literature	1		
Literary	Hours		Hours		Hours
Economics	3	Economics	3	Ethics	5
Psychology	3	Psychology	3	Geology	5
Logic	4	Evidences	4	Elective	5
Elective	5	Elective	5	Rhetoricals	1
Rhetoricals	1	Rhetoricals	1	Biblical Literature	1
Biblical Literature	1	Biblical Literature	1		

ELECTIVES.

Students in the last two years in college are required to elect from the following courses, so as to bring their total work up to seventeen exercises per week. A detailed description of the courses will be found under the respective departments on the following pages.

Latin, 2 hours, 1 year; Greek, 3 hours, 1 year; English Literature, 2 hours, 2 years, and 3 hours, 1 year; History of Art, 3 hours, 2 terms; History, 3 hours, 2 years and 2 hours, 1 year; Sociology, 3 hours, 1 term; Civil Government, 2 hours, 2 terms; International Law, 2 hours, 1 term; Mathematics, 5 hours, 2 terms; Chemistry, 5 hours, 1 year, and 2, 3, or 5 hours, 1 year; Biology, 5 hours, 1 year, and 2, 3 or 5 hours, 1 year; Philosophy, 2 hours, 1 term; German, 5 hours, 1 year; French, 4 hours, 1 year; Spanish, 5 hours, 1 year.

It is assumed that the choice of electives will be made with reference to some clear, deliberate plan, and as a result of consultation with the President. In all cases the natural sequence of studies must be observed. The Faculty reserves the right to exclude a student from any elective for which his previous studies have not prepared him. It is generally desirable that subjects be elected to run through the entire year. In every case, an elective course extending over more than a term must be pursued for the full time.

The Faculty reserves the right to withdraw any elective if it be not chosen by a sufficient number of students to constitute a class.

An exercise generally occupies an hour, except in the case of Analytical Chemistry and Biology, when it occupies from two to three hours in the Laboratory. The course in French, although coming five times per week, will count as a four-hour elective.

Music may be substituted for Elective work in the Literary course, in amount and under conditions to be prescribed by the Faculty. For details, see Department of Music.

DEPARTMENTS AND METHODS OF INSTRUCTION.

PHILOSOPHY.

PRINCIPAL BATES, PROFESSOR MARSH.

PRINCIPAL BATES.

PSYCHOLOGY. The principles of this subject are taught by means of textbook and informal lectures. Textbook, James. Essays are required upon appointed themes, and a course of selected reading is marked out and required. Senior required course. Three hours per week during the Fall and Winter terms.

PHILOSOPHY. This course consists of reading and discussions on special topics relating to the development of the philosophy of Europe during the seventeenth century. Senior elective course. Two hours per week during the Spring term.

EVIDENCES OF CHRISTIANITY. This subject is taught by text-book, due consideration being paid to the current phases of thought. Wright: Logic of Christian Evidences. Fisher: Manual of Christian Evidences. Senior required course. Four hours per week during the Winter term.

ETHICS. In this course the text-book is supplemented by class discussions on the practical application of the principles established to the conduct of life. Hopkins: Law of Love and Love as a Law. Fairchild: Moral Science. Senior required course. Five hours per week during the Spring term.

PROFESSOR MARSH.

LOGIC. Jevons' Logic as recast by Hill is the textbook used in this course. Frequent exercise in argumentation and the application of the principles of the

science are assigned to the class. Special stress is laid upon the practical work done as the surest means of furnishing aid to the student in learning to think. Senior required course. Four hours per week during Fall term.

LATIN AND GREEK.

PROFESSOR MARSH.

LIVY. Book I. Besides the history of the period special attention is here paid to Roman antiquities. Required for Classical course. Optional for other courses in Freshman year. Four hours per week during the Fall term.

TACITUS. Germania and Agricola. Required for Classical course. Optional for other courses in Freshman year. Four hours per week during the Winter term.

HORACE. Selected Odes and Satires, Ars Poetica. Particular attention is paid to the style of Horace; and selections from other Latin poets are read for the sake of comparison. A few metrical translations are also required. Required for the Classical course. Optional for other courses in Freshman year. Five hours per week during the Spring term.

TERENCE. Andria. Required for Sophomores in the Classical course. Five hours per week for six weeks of the Winter term.

QUINTILIAN. Selections from De Institutione Oratoria are read, which present some of the leading principles of Rhetoric. Required for Sophomores in the Classical course. Five hours per week for six weeks of the Winter term.

CICERO. De Amicitia, De Senectute, De Oratore. Elective course. Two hours per week throughout the year.

GREEK AND LATIN TESTAMENTS. One hour per week through the Freshman and Sophomore years. Those in

the Classical course use the Greek text and those in other courses use the Latin. On alternate years selections will be read from the Gospel or Acts, and from the Epistles.

HERODOTUS. Selections from Goodwin's Greek Reader. In connection with this course there is given a thorough grammatical review. Required for Freshmen in the Classical course. Five hours per week during the Fall term.

HOMER. Two or more books of the Iliad. Required for Freshmen in the Classical course. Five hours per week during the Winter term.

THUCYDIDES. Selections. Required for Freshmen in the Classical course. Five hours per week during the Spring term.

SOPHOCLES. Antigone or Electra. The study of the Greek drama is taken up by lectures and collateral readings. Required for Sophomores in the Classical course. Five hours per week during the Fall term.

PLATO. Apology and Crito. Required for Sophomores in the Classical course. Three hours per week during the Spring term.

PLATO II. A farther study of Plato's writings and of Greek Philosophy than is possible in the required course is undertaken in this course, which is elective for Juniors and Seniors. Three hours per week during the Winter term.

AESCHYLUS. Prometheus Bound. Elective for Juniors and Seniors. Three hours per week during the Fall term.

DEMOSTHENES. De Corona. Elective for Juniors and Seniors. Three hours per week during the Spring term.

PURE AND APPLIED MATHEMATICS.

PROFESSOR FERRIN, MR. FLETCHER.

MR. FLETCHER.

HIGHER ALGEBRA. Beginning with a rapid review of Quadratics, the work in this subject is carried as far as the capacity of the class will permit. Freshman required course. Five hours per week during the Fall term.

TRIGONOMETRY, PLANE AND SPHERICAL. Due attention is paid in this course to the practical applications of Trigonometry in Plane Surveying, Navigation and Astronomy. Freshman required course. Five hours per week during the Winter term.

ENGINEERING. This course consists largely of field work and is designed to teach the practical use of the various engineering instruments. Practice is had in measuring and computing farm areas with the compass and chain; in the use of the Level instrument in determining the contour lines of some of the streets of the town; in the use of the Engineer's Transit in laying out railroad curves, etc. Attention is given also to the plotting of areas and lines. Required for Freshmen in the Scientific course. Optional with American Literature for Freshmen in the Classical course. Five exercises per week during the Spring term.

PROFESSOR FERRIN.

ANALYTICAL GEOMETRY. Required for Sophomores in the Scientific course. Elective for other students. Five hours per week during the first half year.

CALCULUS. The infinitesimal method is used in the treatment of this subject. Optional with advanced Biology and Botany for Sophomores in the Scientific course. Elective for other students. Five hours per week during the last half of the Winter term and five hours per week during the Spring term. Advanced elective work is also offered for Junior Scientific students.

MECHANICS. Carhart: Physics. Junior required course. Five hours per week during the Fall term.

PHYSICS. This course consists of a mathematical treatment of the different branches of Physics, the work being supplemented by lectures and the use of illustrative apparatus. Carhart: Physics. Junior required course. Five hours per week during the Winter term.

ASTRONOMY. Special attention is given to establishing the mathematical principles of the science and to teaching the methods of computation in most general use in practical Astronomy. Olmsted: Revised College Astronomy. Junior required course. Five hours per week during the Spring term.

CHEMISTRY AND GEOLOGY.

PROFESSOR BRADLEY.

CHEMISTRY I. General Inorganic Chemistry. Lectures and laboratory work on the principal metals and non-metals. Fee, $2.00 and breakage. Sophomore required course. One-half year. Five credits per term.

CHEMISTRY II. The general principles of Qualitative Analysis. Laboratory work. Determination of metals in salts and ores. Lectures on metals and theory of solutions. Junior year, one term. Five credits. Optional with Biology for Scientific students. Elective for others. Fee, $3.50 and breakage.

CHEMISTRY III. Quantitative Analysis. The general principles. Estimation of the common elements in salts and ores by Gravimetric and Volumetric methods. Junior year, two terms. Optional with Biology for Scientific students. Elective for others. Prerequisite Chemistry I and II. Fee, $4.00 per term and breakage.

CHEMISTRY IV. Assaying. Fire assays of gold, silver and lead. Volumetric copper. Elective one term. Five credits. Prerequisite Chemistry I and II. Fee, $5.00.

CHEMISTRY V. Inorganic Preparations. The preparation of chemically pure salts from commercial products. Elective. Prerequisite I, II and III. Fee dependent upon amount of work done.

CHEMISTRY VI. Organic Chemistry. The preparation of simple organic compounds. Lectures on the principles. Elective. Prerequisite I and II. Fee dependent upon amount of work done.

GEOLOGY. Field work, with study of fossils and minerals in the laboratory. Senior required course. Fee, 50 cents.

Note.—Elective laboratory courses will be so arranged that the student may earn two, three or five credits per term, one credit being given for a laboratory period of 2 hours.

BIOLOGY.

PROFESSOR COGHILL.

I. GENERAL BIOLOGY. Introductory course; lectures, laboratory work and colloquium. Sophomore, required. Fall and first half of Winter. Laboratory, six hours. Lectures, three hours. Five credits. Fee, $1.50. Students are required to have a hand lens and simple dissecting instruments, which will be furnished at cost.

II. Structure and classification of flowering plants. Phaenogamic Botany. Sophomore, required. Spring term. Laboratory, four hours. Lectures, two hours. Two credits.

III. Comparative anatomy of types of plant groups. Cryptogamic Botany. First half-year. Junior Scientific. Optional with Chemistry. Elective for others. Laboratory, six hours. Lectures, two hours. Five credits. Fee, $2.00.

IV. Reproduction and embryology of plants; experimental plant physiology; economic relations. Senior elective. Spring term. Laboratory, six hours. Lectures, two hours. Five credits. Fee, $2.00.

V. Comparative anatomy of types of Invertebrates and Vertebrates. Physiology. Junior Scientific. Optional with Chemistry. Elective for others. Second half year. Laboratory, six hours. Lectures, two hours. Five credits. Fee, $1.00.

VI. Vertebrate Embryology. Senior, elective. Winter term. Fee, $2.00. Credits according to work done.

VII. Economic Fungi. An elective course. The term and the number of hours to be fixed by individual assignment.

(a) Bacteria. Isolation and preparation of pure culture. Relation to hygiene, the dairy, etc.

(b) Fungi injurious to vegetation.

(c) Edible and poisonous fungi. Fee, $1.50 per term. Credits according to work done.

Note.—The above work was given during the past year. It will be subject to change by the new head of the department during the coming year.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR FARNHAM, MR. LYMAN.

PROFESSOR FARNHAM.

LITERATURE. The different courses in Literature aim not only to give the student a general acquaintance with works of the best writers in relation to the life and thought of their age, but also to develop an appreciation of good reading and to cultivate a literary style. Several courses are laid down.

I. OUTLINE OF ENGLISH LITERATURE. Emphasis upon great creative periods, and selections from the leading writers. The work is supplemented by lectures and collateral reading with reports on assigned topics. The text-books recommended are: J. Logie Robertson: A History of English Literature; Fred Parker Emery: Notes

on English Literature. Sophomore in the Classical course and Freshmen in the other courses. Two hours per week throughout the year.

II. AMERICAN LITERATURE. This course gives a brief survey of Colonial and Revolutionary periods, and a more critical study of representative writers, both of poetry and prose, during the National Era. The course is conducted by means of lectures, direct readings from the authors, and written reports to develop independence of thought and expression of opinion. Freshman course, required for students in the Literary course, optional with Engineering for students in the Classical course. Spring term. Five hours per week.

III. GREAT MASTERS OF ENGLISH POETRY. The object of this course is to give students an acquaintance with the life and work of three of the great English poets, with their relation to literary history. Elective. Two hours per week throughout the year.

(a) Chaucer. Fall term.

(b) Spencer. Winter term.

(c) Milton. Spring term.

Globe edition of each poet. Not to be given 1902-1903.

IV. THE ENGLISH DRAMA. This course consists of preliminary study of the early drama in England by a critical study of representative plays of Shakespeare, and when time permits a comparative study of the later drama. The selection of plays will be changed from year to year. Elective. Three hours per week throughout the year.

Books used: Edward Dowden, Shakespeare Primer; the Temple Shakespeare and Dramatists.

V. NINETEENTH-CENTURY AUTHORS. (a) Poets of the French Revolution and the Romantic Revolt. Fall term.

(b) The Poets of the Victorian Era. Winter term.

(c) The Essayists and the Critics. Spring term.

The aim of the whole course is to obtain a conception of the intellectual and imaginative development of each writer by a study of his work in relation to his environment and nineteenth-century history. Lectures and readings from the authors, with weekly reports. Each student is expected to make a critical study of one author, embodying the results in a paper to be presented before the class. Elective course. Two hours per week throughout the year.

VI. UNIVERSAL LITERATURE. This course consists of a study of European Literature through English translations. Representative works are studied in relation to the age and country in which each selection was produced. Juniors in the Literary course. Elective in other courses. Two hours per week throughout the year.

Other elective courses in Literature will be offered as the requirements of the work may demand.

Students are requested to bring from their homes such copies of standard works as they may possess.

THE HISTORY OF ART. A course in the History of Art is offered to students in the Literary course, that they may become familiar with the great masters and the best works of modern art. Topical references with collateral readings from W. Lubke: Outlines of the History of Art. W. H. Goodyear: A History of Art; and other works in the library of the University. Sophomores in the Literary course, elective in other courses. Three hours per week in the Fall and Winter terms.

ADVANCED RHETORIC. This course is designed to give students a careful study of the principles of good prose style. Weekly themes on current topics are criticised and discussed in the class, and one hour each week is given to an appreciative study of some recent work in English prose.

The text-book is Barrett Wendell: English Composition. Required of all students in the Literary course. Elective in other courses. Junior year. Three hours per week.

COMPOSITION. The subject of composition in the Junior year will be Argumentation; and in the Senior year, the Oration. The work is conducted by conferences and readings from contemporary masters of literary style. Students should familiarize themselves with such works as J. H. Gardner: The Forms of Prose Literature; and George Pierce Baker: The Principles of Argumentation and Specimens of Modern Argumentation. Each student must present in public every term one theme on some assigned subject. Rules of the course, which will be distributed at the beginning of each term, will indicate the dates when themes will be due. Full credit is given only when themes are memorized and delivered at the appointed time. (See Rhetoricals under department of Public Speaking.)

MR. LYMAN.

RHETORIC. The theory of composition is taught both by careful study of the principles of Rhetoric and by selections from standard writers, which are analyzed in the class room. Facility of composition is acquired by weekly short themes on subjects drawn from daily life. By this means the student cultivates not only powers of observation but clearness and accuracy of expression. Occasional lectures and discussion of themes by the class further enable the student to deal with various problems of literary style. During the year each student will write a description, a characterization, and a narration of some event, or a short story. Method in thought, with ease and vigor of expression, are the special objects toward which the long theme is directed.

The text-books required are Genung: Practical Rhetoric; and Handbook of Rhetorical Analysis. Required of all Freshmen. Two hours per week during the year.

PUBLIC SPEAKING.

MR. LYMAN.

The aim of this department is to develop the powers of mind and body for the effective presentation of thought and emotion by means of the spoken word. It does this —not by an artificial system, but by establishing correct mental action in reading and speaking, by stimulating the appreciative and creative faculties, and by practical work in extemporaneous speaking, interpretative reading and prepared orations.

EXTEMPORANEOUS SPEAKING. One hour a week is given to lectures and discussion of the principles of public speaking. The other hour is devoted to practical training in Extemporaneous Addresses. Topics are posted by the instructor, upon which the students are allowed a short time to prepare. The discussions are then presented in class. Required of all Sophomores.

RHETORICALS. This course consists in training for public delivery of exercises to be presented in public each term. Memoriter work is required at the Quarterly Rhetoricals. Required of all College students. During Spring term Juniors will prepare for the Junior Exhibition and the Seniors for Commencement. In connection with the work in Rhetoricals a play of some recognized author will be given. In 1901 a rendition in English of Sophocles' Antigone was given.

MODERN LANGUAGES.

PROFESSOR BACH.

The aim of this department is to give the students an opportunity for as comprehensive a study of German, French and Spanish, as they may desire for any educational or practical purposes.

GERMAN.

I. ELEMENTARY COURSE. Grammar, composition,

reading, translating, conversation, memorizing of simple selections. The aim is to give the student a practical knowledge of elementary German grammar, ability to read with ease, to pronounce correctly, to understand spoken German, to converse on simple topics, and to translate easy English into good German. Text-book, Joynes-Meissner. Required in all courses. If courses I and II are taken course I is optional with Latin. Five hours a week throughout the year.

II. INTERMEDIATE COURSE. A review of elementary and a study of more advanced grammar. Syntax. Order of words in connected discourse. Constant practice in composition. Reproduction of easy stories read by the teacher. Letter writing. Reading from authors such as Freytag, Riehl, Heyse, Heine, and Schiller. Memorizing of selected passages. Conversation on the basis of the various texts. Elective in Classical course. Required in Scientific and Literary course if course I is taken in place of Latin. Five hours a week throughout the year.

III. Advanced courses in Literature, Literary Biography, Historical and Scientific Texts, will gradually be added.

FRENCH.

I. ELEMENTARY COURSE. Grammar, composition, reading, translating, conversation, memorizing of easy selections. The aim is proficiency in elementary grammar, a good pronunciation, ability to read easy prose at sight, to understand, to write and to speak simple French. Text-book, Fraser & Squair. Optional in Scientific and Literary courses. Elective in Classical. Five hours a week throughout the year.

II. INTERMEDIATE COURSE. Review of elementary and study of more advanced grammar. Syntax. Composition. Letter Writing. Reproduction of easy stories read by teacher. Reading of authors such as George

Sand, Malot, Daudet, Merimee, Racine, Corneille, Moliere, Scribe, Augier, Hugo. Memorizing of selected passages. Constant conversation on texts. Elective in all courses.

III. An Advanced course in Literature, in works on History, Philosophy and Science will be added in the near future.

SPANISH.

This language has become especially valuable as a medium of communication with the newly acquired territory of the United States.

I. ELEMENTARY COURSE. Grammar, oral and written exercises, reading, translating, conversation. The aim is to enable the student to make use of the language for practical purposes. Elective in all courses.

II. An Advanced course will be added when demanded.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR ROBERTSON.

HISTORY.

I. MEDIAEVAL HISTORY. Text-book, informal lectures, collateral reading and reports. Required in all courses. Must be preceded by course in General History. Three exercises per week during Fall term.

Books: Adams, Emerton, Bryce, Henderson's Documents.

II. MODERN HISTORY. Text-book, informal lectures, collateral reading and reports and discussions. Required in all courses. Must be preceded by General History. Three exercises per week during the year.

(a) Reformation Period. Winter term.

(b) Absolutism, Revolution. Spring term.

Books used: Schwill, Lodge, Hausser, Epochs, Fyffe, Original Sources and larger works on special subjects.

III. ENGLISH HISTORY. Text-book, informal lectures, collateral reading and reports. Required in Literary course; elective in others. Three exercises per week during the year.

(a) Roman Occupation to Tudors. Fall term.

(b) Tudors to English Revolution. Winter term.

(c) English Revolution to present time. Spring term.

Books used: Coman & Kendall, Gardiner, Green, Smith, Bright, Stubbs, and larger works on special subjects.

IV. POLITICAL HISTORY OF THE UNITED STATES. Text-book, informal lectures, collateral readings and reports.

A study of the political history of the United States from the Formation of the Union through the period of Reconstruction. Elective in all courses. Three exercises per week during the year.

Books used: Epoch Series, Johnston, Schouler, Von Holtz, McMaster, Hart's Contemporaries, Government publications.

V. EUROPE SINCE 1814. Text-book, informal lectures, collateral reading, reports and discussions.

Special emphasis on movements of social reform, economic changes, constitutional questions, nationalization, colonization, etc. Two exercises per week during the year. This course is an intensive study of a period, and the period will be changed from time to time.

Books used: Seignobos, Fyffe, Mueller, magazines, periodicals and sources available.

POLITICAL SCIENCE.

I. ECONOMICS. Text-book, informal lectures, collateral reading. Required in all courses. Three exercises per week for two terms.

(a) Study of principles. Fall term.

(b) Study of some of the leading economic problems: Taxation, Banking, Money, Socialism, etc. Winter term.

Books used: Bullock, Walker, Hadley, Marshall, Cairnes, Seligman, Bastable, Dunbar, Laughlin, Ely and others.

II. SOCIOLOGY. Text-book, informal lectures, collateral reading, and reports. Elective in all courses. Three exercises per week during the Spring term. Introduction to the study of society, and a study of some of the leading problems, such as charities, penal institutions, etc.

Books used: Giddings, Mayo Smith, Vincent and Small, Spencer and others.

III. CIVICS. Text-book, informal lectures, collateral reading. Elective in all courses. Two exercises per week for two terms.

Study of development of national government and leading types as found in England, Germany, France, Switzerland, Austro-Hungary and the United States.

Books used: Wilson, Burgess, Macey, Bryce and others.

IV. INTERNATIONAL LAW. Text-book, informal lectures, collateral reading and reports. Study of most important principles and application to cases. Elective in all courses. Two exercises per week during the Spring term.

Books used: Lawrence, Woolsey, Maine, Wharton and others.

THE ACADEMY.

The Academy is under the immediate charge of the Principal and his Assistants. The college Faculty has general direction regarding the course of study and discipline.

PREPARATION FOR COLLEGE.

The Academy provides thorough preparation for the Classical, Scientific and Literary courses of the College, and at the same time offers special opportunities for those desiring thorough training in the common English branches. All the facilities of the University in the way of libraries, lectures, etc., will be open to such students, and it is believed that these privileges will be of peculiar value to those preparing to teach.

REQUIREMENTS FOR ADMISSION.

To enter either Academic course proper, the student must be able to pass a satisfactory examination in the Sub-preparatory studies. For admission to advanced standing, the student must give satisfactory evidence, by examination or approved certificate, that he has completed the work passed over by the class to be entered, or its equivalent. It is desired and advised that students begin their studies at the opening of the Fall term, and enter one of the regular courses.

SUB-PREPARATORY STUDIES.

Classes in the following studies are formed for students not yet fitted for the regular Academy courses:

Written Arithmetic, Mental Arithmetic, Grammar, Geography, Reading, Physiology, Book-Keeping, Bible.

REPORTS.

A record of the work of each student is kept, and at the close of each term a report is sent to the parent or guardian.

EXAMINATIONS.

Examinations are held in each subject at the end of each term, and no student who fails to pass in more than one study is allowed to maintain his position in the class, unless such work is made up in one term.

STUDY HOURS.

In order to insure the time necessary for the preparation of lessons and to encourage methodical habits, an observance of the following study hours is required:

Study Hours, except on Saturday and Sunday, are from 8:45 a. m. to 12 m.; from 1 to 4 p. m. and from 7:30 to 9 p. m. After May 1, and on Saturdays throughout the year, from 8 to 9 p. m. During these hours and after 9 p. m., students are expected to be in their rooms unless at school exercises or especially excused.

CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to corresponding courses in college.

For information concerning expenses, and regulations, see pp. 16-19.

OUTLINE OF COURSES.

ACADEMY.

FIRST YEAR.

FALL		WINTER		SPRING	
Classical Scientific Literary	Hours		Hours		Hours
Latin	5	Latin	5	Latin	5
English	5	English	5	English	5
History	5	History	5	Arithmetic Review	5
Bible	1	Bible	1	Bible	1

SECOND YEAR.

FALL		WINTER		SPRING	
Classical Scientific Literary	Hours		Hours		Hours
Viri Romae	4	Caesar	4	Caesar	4
Algebra	5	Algebra	5	Algebra	5
English	2	English	2	English	2
History	4	History	4	History	4
Mechanical Drawing	1	Mechanical Drawing	1	Mechanical Drawing	1
Bible	1	Bible	1	Bible	1

THIRD YEAR.

FALL		WINTER		SPRING	
Classical	Hours		Hours		Hours
Cicero	5	Cicero	5	Cicero	5
Greek	5	Greek	5	Greek	5
Plane Geometry	5	Plane Geometry	5	Solid Geometry	5
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Bible	1	Bible	1	Bible	1
Scientific	Hours		Hours		Hours
Cicero	5	Cicero	5	Cicero	5
Physics	5	Physics	5	Astronomy	5
Plane Geometry	5	Plane Geometry	5	Solid Geometry	5
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Bible	1	Bible	1	Bible	1
Literary	Hours		Hours		Hours
Cicero	5	Cicero	5	Cicero	5
Physics or English	5	Physics or English	5	Astronomy	5
Plane Geometry	5	Plane Geometry	5	Solid Geometry	5
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Bible	1	Bible	1	Bible	1

FOURTH YEAR.

FALL		WINTER		SPRING	
Classical	Hours		Hours		Hours
Ovid	4	Vergil	4	Vergil	4
Anabasis	5	Anabasis	5	Anabasis	5
English	3	English	3	Algebra Review	3
Chemistry	3	Chemistry and Nature Work	3	Nature Work	3
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Bible	1	Bible	1	Bible	1
Literary Scientific	Hours		Hours		Hours
Ovid	4	Vergil	4	Vergil	4
French or German	5	French or German	5	French or German	5
English	3	English	3	Algebra Review	3
Chemistry	3	Chemistry and Nature Work	3	Nature Work	3
Rhetoricals	1	Rhetoricals	1	Rhetoricals	1
Bible	1	Bible	1	Bible	1

Notes—1. Spelling will be required when necessary.
2. The new course will go into effect with the present First Year Class.

In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

LATIN AND GREEK. The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading Viri Romae, four books of Caesar, six orations of Cicero, six books of Vergil's Aeneid and four books of Xenophon's Anabasis, accompanied by more advanced work in Grammar and Prose Composition. During the last two terms of the course, special attention is given to Greek and Roman Literature.

Text-books: Scudder's First Latin Reader; Allen & Greenough's Latin Grammar, Kelsey's Caesar and Cicero; any good edition of Vergil; Allen & Greenough's Ovid; Goodwin's Greek Grammar; White's First Greek Book; Botta's Handbook of Universal Literature; Bullfinch's Age of Fable.

FRENCH. French is optional with German for Scientific and Literary courses in the fourth year. For further information, see pp.

MATHEMATICS. Three terms in the first year are given to the study of Algebra. The work of the first term is to fractions; of the second to involution; and of the third to theory of quadratics. A review term is given in Spring term of fourth year.

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

Text-books: Wells' Academic Algebra; Chauvenet's Plane and Solid Geometry.

SCIENCE.

PHYSIOLOGY. One term.

PHYSICS. A practical laboratory course, illustrating

the elementary principles. Two terms, third year. Fee, $1.50 for course.

ASTRONOMY. Elementary course. One term, third year. Text-book: Todd's New Astronomy.

CHEMISTRY. A study of the principles. Lectures and laboratory work. Fee, $2.00 and breakage. First half of fourth year. Text-book: Williams.

PHYSIOGRAPHY AND NATURAL HISTORY. The course will comprise an elementary study of some of the typical forms of the earth's surface and the causes producing the same. Also a brief examination of the simpler forms of plant and animal life. Last half of fourth year. Fee, 50 cents for course.

ENGLISH. In the Sub-preparatory year of the Academy, three terms are given to the study of English Grammar with weekly exercises in the composition of short themes of one hundred words in the class room. In the Academy, work is directed during the first year to the special study of words and the general structure of the language, as well as the simple elements of Rhetoric; reading of Snow-Bound, Rip Van Winkle, The Great Stone Face, Behavior, and other selections from American authors; and practical work in Composition by frequent short themes and letters; also one longer theme each term to be rewritten with attention to corrections and then read before the class. Five hours each week.

Text-books: Marsh's Outline of Grammar; Lockwood's Lessons in English.

The work of the second year is a careful study of long selections from the works of Scott, Irving, Hawthorne, Longfellow and Lowell, and one or more plays of Shakespeare. Composition work is carried on by means of occasional short themes, and one long theme each term on the subjects connected with the readings. Selections are memorized and recited in the class. Two hours each week throughout the year.

In the Literary course an optional study of English is offered during the Winter and Spring of the third year. In 1902 a general study of The Idylls of the King was given. Five hours each week.

In the English work of the fourth year a handbook of elementary Rhetoric is used, Mead's Elements of Rhetoric. Three hours per week in the Fall and Winter terms.

RHETORICAL WORK. This course covers the four years of Academy study. One hour a week. All members of the first and second year classes are required to learn one or two selections each term, and present them before the class, after rehearsals with the instructor. Each member of the fourth year class is required to present an essay and declamation each term before the entire Academy.

HISTORY. In the first and second terms of the first year United States History and Civil Government are studied. During the second year four exercises per week are given to a general survey of the World's history, with particular attention to the conditions of life during the different periods.

Text-books: Montgomery's Leading Facts in American History; Adams' European History. Other books are used for collateral reading.

BOOKKEEPING is taught in the Sub-preparatory year. It is given to meet the wants of pupils who need this study, and at the same time wish a more thorough general course than can be secured at a business college.

Text-book: Bryant and Stratton's New Common-School Bookkeeping.

COMMON ENGLISH BRANCHES. During the Sub-preparatory year, thorough training is given in the common English branches, including Arithmetic, Mental

Arithmetic, English Grammar, Descriptive Geography, Reading, Spelling.

BIBLICAL HISTORY. The English Bible occupies a regular place in the curriculum of study, and one exercise a week is required of all students. The work of the Sub-preparatory and first year begins with the study of Genesis and extends through the First Book of Samuel.

Second Year begins with the First Book of Kings and extends through Nehemiah, with portions of the Prophets.

Third Year, the Life of Christ, as contained in the Four Gospels, with supplementary topics.

Fourth Year, the Founding of the Christian Church and the Life of Paul, as contained in the Acts of the Apostles and the Epistles.

CONSERVATORY OF MUSIC.

Miss Rogers, Mrs. Raley, Miss Burr.

The Musical Department is under the same general management as the other departments, and is under the immediate charge of the instructors in this department. Non-residents are subject to the same regulations as the students of other departments.

The purpose of this school is to provide superior facilities for the study of music in its elementary and higher branches, practical and theoretical. The course of study is planned with regard to the thorough and symmetrical development of the musical faculty. It includes a thorough course in Harmony and Theory, including Counterpoint, Analysis and Music History, and provides for the requirement of a high degree of proficiency in Piano-forte and Singing.

The regular course of study covers four years in instrumental and three years in vocal music, and diplomas are awarded by the Trustees of the University to students who have satisfactorily completed the course.

Students sufficiently advanced to pass examination in the work of the first and second years may begin in the course with the third year.

All candidates for graduation must pursue in the school the studies of the third and fourth years.

Candidates for graduation must have completed a course of academic study equivalent to that of Tualatin Academy, and are also required to take a selected course of College studies, including one year of Latin or Mathematics, and one year each of English Literature and German.

Students in the College are allowed to choose Music as an elective study in the Literary course, provided they

devote to it not less than six hours a week of practice, and elect Theory as part of their music work for at least one year, the total amount elected not to exceed in credit five hours a week for one year.

PIANO. Two lessons a week with two hours' daily practice entitle the student to four credits.

THEORY. Two exercises a week, two credits.

PUBLIC RECITALS by the students are given frequently throughout the year. Private class recitals, in which all pupils take part, occur as often as practicable.

No pupils are received for less than an entire term, or such portion of it as remains after entrance.

Tuition for the term must be paid in advance, and no deduction will be made for absences unless by special arrangement.

TUITION AND OTHER EXPENSES.

Private Instrumental Lessons (Piano or Organ or Violin), per term of 24 lessons (one-half hour each)	$15 00
Private Vocal Lessons, per term of 24 lessons (one-half hour each)	15 00
Harmony, per term	5 00
Sight Reading	3 00
Analysis Class	1 50
Rent of Piano for two hours' practice per day, per month	1 00

Pupils may make special arrangements with the Instructor for hours of piano practice.

COURSES OF STUDY.

THE PIANO-FORTE.

Miss Rogers.

PREPARATORY COURSE.

(a) Foundation studies—Scales, Arpeggios, Etudes for technic, Loeschhorn Op. 66, Czerny Op. 821, Heller Op. 46.

(b) Compositions—Schumann, Op. 68. Sonatas and sonatinas by Clementi, Kuhlau, Reinecke, Haydn and Mozart; Mendelssohn—Songs Without Words.

(c) Notation.

FIRST YEAR.

(a) Etudes—Hasert, Op. 50; Cramer, Jensen, Op. 32; Czerny, Op. 299; Heller, Op. 45.

(b) Compositions — Bach, Inventions; Beethoven, easier sonatas. The smaller works of Schumann, Chopin, Mendelssohn, Schubert, Grieg.

(c) Harmony.

(d) Analysis Class.

(e) Sight reading, ear training.

SECOND YEAR.

(a) Etudes—Czerny, Op. 740; Moscheles, Op. 70.

(b) Bach, Suites; Beethoven, Sonatas; Mendelssohn, Caprices; Chopin, Nocturnes.

Compositions of modern authors.

(c) Harmony.

(d) History of Piano-forte Music.

(e) Analysis Class.

(f) Sight Reading, Transposition.

THIRD YEAR.

(a) Etudes—Chopin, Op. 10; Blodgett, Op. 20.

(b) Beethoven, Sonatas; Chopin, Polonaises; Schumann, Novelettes.

Modern Compositions.

(c) Counterpoint (half year).

(d) Musical Form (half year).

(e) General History of Music.

(f) Analysis Class.

FOURTH YEAR.

(a) Etudes—Chopin, Op. 25; Kohler, Op. 130.

(b) Compositions — Bach, Well-Tempered Clavichord.

Concertos of Mendelssohn and Beethoven.

Concert works of Chopin, Schumann, Liszt and others.

(c) Acoustics.

(d) Biography and Aesthetics.

(e) Analysis Class.

THEORY OF MUSIC.

The work may be outlined as follows:

NOTATION. The Theory of Rythm and Tonality, Principles of simple chord construction.

HARMONY. Principles of Four-Part Composition; modulations and harmonic accompaniments to selected and original melodies.

COUNTERPOINT. Exercises in adding one, two, three or four voices in simple counterpoint to an original cantus firmus.

HISTORY.

It is the aim in this course to study the outlines of

musical progress from the time of the most ancient civilization to the present.

A course of supplementary reading in connection with this study is arranged for music students, and programs illustrating the different periods and styles of musical compositon are given by the teachers.

VOICE CULTURE.

Mrs. Raley.

In this department special attention is given to a natural and skillful management of the breath, and the correct position of the vocal organs in the production of clear, full, resonant tones.

Flexibility and the art of phrasing are developed through the practice of scale and arpeggio passages and solfeggi. A refined musical taste is developed by the study of the best songs, ancient and modern; Ballads, Thoroughly-Composed German Songs and selections from Oratorio and Opera.

FIRST YEAR.

Voice development, Principles of breathing.
Voice placing, sight singing (if necessary).
Exercises by Abt, Sieber, English songs.
First year of Piano-forte course (a) (b).

SECOND YEAR.

Vocalises by Vaccai, Marchesi, Italian pronunciation, Italian and English songs.
Harmony, three terms, chorus class.

THIRD YEAR.

Advanced vocalises.
Italian, English, French and German songs.
Concert, Oratorio, and Opera Arias.

Piano (accompanists' course, including sight reading), chorus class.

VIOLIN.

Miss Burr.

Lessons on the violin have been given during the past year and it is expected to make this a permanent feature of the music department for the future.

COLLEGE STUDENTS.

1901-1902

GRADUATE

Atkinson, Archibald Anand, A. B.	Chemistry	San Rafael, Cal.
Fletcher, Mrs. W. T., A. B.	German	Forest Grove
Marsh, Gertrude, B. L.	Spanish	Forest Grove
Marsh, Winifred, B. L.	Art	Forest Grove

SENIORS

Dimick, Walter A.	S	Hubbard
Faulkner, Richard Walter	S	Roseburg
Lewis, Vesta Muzella	C	Portland
Meresse, Abel	S	Forest Grove
Millis, Harold Burr	S	Portland
Scholfield, Harriet Eva	L	Forest Grove
Yoder, Arthur Elias	S	Forest Grove

JUNIORS

Bailey, Mary	L	Forest Grove
Day, Fred	C	Forest Grove
Emmel, Victor Emmanuel	S	Scholls
Hale, William Green	S	Hillsboro
Hare, William Gillman	L	Hillsboro
Meresse, Edgar	L	Forest Grove
Wilcox, Robert Bennett	S	Roseburg
Vrooman, Frederick Elmo	S	Hillsboro

SOPHOMORES

Day, Florence	C	Forest Grove
Dye, Emory Charles	S	Oregon City
Gibson, Irving Deane	C	Roseburg
Robinson, Thomas	C	Hillsboro
Williams, Clark Haines	L	Oregon City
Whipple, Libbie Marie	C	Vancouver, Wn.
Yoder, Harriet Jane	C	Forest Grove

FRESHMEN

Baker, Emerson	L	Greenville
Belknap, Haven Vincent	S	Forest Grove
Dye, Trafton Micklewaite	S	Oregon City
Fletcher, Chester Kimes	S	Forest Grove
Hicklin, Lloyd	S	Troutdale
Irvin, Clara Ida	S	Aurora
Markham, Melvin Wilson	S	Forest Grove
Patton, Joseph Jesse	C	Gaston
Peters, Richard Frank	S	Hillsboro
Peters, Lottie	L	Hillsboro
Philbrook, John Watson	S	St. Helens
Sorensen, Frances Thora	L	Forest Grove
Thomas, Horace Estes	L	Forest Grove
Waters, Ethel Ada	L	Forest Grove
Whipple, George Eugene	C	Vancouver, Wn.

SPECIAL

Arnold, Seth Judson	Clackamas
Caples, Oro Dell	Forest Grove
Haskell, Josephine	Evanston, Ill.
Humphreys, Cecil	Hillsboro
Knapp, John Carl	Oregon City
McHaffie, Blanche	Condon
Rogers, Faith Helen	W. Superior, Wis.

ACADEMY STUDENTS.

1901-1902

THIRD YEAR

Abernethy, Daisy Sarah Fidelia	S	Dora
Barnet, Montrose Lanier	S	Stella, Wn.
Boos, Laura Emma	S	Forest Grove
Bryant, John Cullen	S	Clatskanie
Bump, Daniel Deronda	S	Forest Grove
Carrick, Fred Wadsworth	S	Klamath Falls
Catching, Eva Maud	S	Hillsboro
Cronin, Alyce	S	Forest Grove
Curtis, Oliver Landon	S	Gales Creek
Day, Laura Eva	C	Forest Grove
English, Annie Louise	S	Portland
Ferrin, Livia Ella	C	Forest Grove
Fletcher, Frank Marion	S	Forest Grove
Hall, William Arthur	S	Clatskanie
Hanson, Fred Christian	S	Vancouver, Wn.
McKenzie, Frank William	S	Goldendale, Wn.
Peck, Burton Haskell	S	Lexington
Philbrook, Joshua Minot	S	St. Helens
Rasmusen ,William Beatty	S	Reedville
Scott, Catherine	S	Forest Grove
Shively, William Benton	S	Oregon City
Thompson, James Garfield	S	Tualatin
Tichenor, Mary Estelle	S	Clatskanie
Walker, Charles Lovell	S	Forest Grove
Weatherred, Tennessee Sumner	S	Hillsboro
Wirtz, Willard Hermann	S	Forest Grove

SECOND YEAR

Bailey, Blanche	Forest Grove
Baker, Daniel Miller	Forest Grove
Baker, Mary Annice	Greenville
Boldrick, Sarah Pamela	Forest Grove
Brown, Alpha May	Forest Grove

Chalmers, Walter Albert	Centerville
Clapp, Frances Benton	Forest Grove
Clapp, Gordon Adams	Forest Grove
Connell, Hattie	Hillsboro
Fitch, Caroline Estella	Cornelius
Foster, Lora May	Forest Grove
Heidel, Minnie Esther	Hillsboro
Huston, Ella Blanche	Hillsboro
Hyde, Lillian Ella	Forest Grove
Irvine, Bertha Ethel	Antelope
Kirkwood, Robert James	Forest Grove
Luce, Inez	Forest Grove
Luce, Henry Roy	Forest Grove
Mickey, Roy Joseph	Medford
Montgomery, Myra Ione	Glendale
Peters, John William	Hillsboro
Ruble, Eleipha	Hillsboro
Rueter, Katherine	Forest Grove
Rueter, Helen	Forest Grove
Russell, Bertram Alonzo	Gaston
Sewell, Alice Eleanor	Hillsboro
Siegrist, Fred	Hillsboro
Silverman, Esther	Skamokawa, Wn.
Sparks, Hugh Walter	Forest Grove
Via, Roy Lee	Forest Grove
Whipple, Lloyd Gilbert	Vancouver, Wn.

FIRST YEAR

Bacon, Bessie Hazel	Forest Grove
Baker, Paul Evert	Greenville
Baker, Dora Esther	Forest Grove
Barker, Jessie	Portland
Barrett, Ira Ellis	Hillsboro
Barrett, William Nathan	Hillsboro
Brock, Selena Belle	Eufaula, Wn.
Brock, Laura Sophia	Stella, Wn.
Buxton, Earl	Forest Grove
Callahan, George Sidney	Gaston

Chandler, Helen Willena	Forest Grove
Connell, Mary Grace	Hillsboro
Dixon, Ezra Stephen	Forest Grove
Engels, Alfred	Washougal, Wn.
Fields, Viola Elizabeth	Forest Grove
Greear, Roy	Hillsboro
Gwynn, William Elisha	Hubbard
Hamilton, Edna Pearl	Forest Grove
Huston, Oliver Bruce	Hillsboro
Hyde, Ruby Nell	Forest Grove
Imlay, Robert Alexander	Reedville
Irvin, Lilla Lydia	Aurora
Jackson, Vera Carolyn	Hood River
Leabo, Bertha Alice	Forest Grove
McCorkle, Frank	Lexington
Payne, Frankie Eugenia	Forest Grove
Reeher, Grace Edith	Wilson
Rogers, Ruth	Oswego
Smith, Bessie May	North Yamhill
Smith, Pearl Mattie	Forest Grove
Taylor, William Albert	Kalama, Wn.
Thorne, Jennie Gurley	Hillsboro
Walker, Raleigh Clay	Forest Grove
Walker, Pearl	Forest Grove
Whipple, Charlotte Ruth	Vancouver, Wn.
Wilson, Una Pearl	Dufur

SUB-PREPARATORY

Brobst, Ellen	Wilsonville
Christian, Carl	Forest Grove
Dugan, Robert Leroy	Forest Grove
Fuqua, Verne Sara	Forest Grove
Martin, John Jesse	Gaston
Meyers, George Fred Herman	Forest Grove
Morrison, Mary Edith	Chehalis, Wn.
Neil, George	Forest Grove
Phillips, Mary Louise	Nestocton
Reeher, George Arthur	Wilson

Robbins, Ford Preston	Forest Grove
Scott, Henry Warner	Dilley
Stahlnecker, Dan Smith	Graeme
Tooze, Chester Arthur	Graeme
Zwicker, Edwin Franz	Forest Grove

SPECIAL STUDENTS

Baber, Josephine	Forest Grove
Connell, Annie	Hillsboro
Cunningham, Emma Wavelle	Arlington
Dugan, Ralph Emerson	Forest Grove
Everson, Fred Leroy	Hillsboro
Gilbert, Alfred Carlton	Portland
Harriman, Josephine Clare	Astoria
Langley, Manchie Irene	Forest Grove
Leach, John Roy	Lexington
Moseley, Ethel Belle	Vancouver, Wn.
Roberts, Marguerite	Carlton
Sewell, James Ambrose	Hillsboro
Spagle, Frank John	Needy
Warner, William Jackson	Medford
Watts, Maude Lucile	Scappoose

STUDENTS IN CONSERVATORY OF MUSIC.

Abernethy, Daisy Sarah Fidelia	Dora
Baber, Josephine	Forest Grove
Bailey, Eva	Hillsboro
Barker, Jessie	Portland
Belknap, Mrs. L. F.	Forest Grove
Belknap, Haven Vincent	Forest Grove
Boldrick, Sarah Pamela	Forest Grove
Bradley, Mrs. Charles Edward	Forest Grove
Brobst, Ellen	Wilsonville
Brock, Selena Belle	Eufaula, Wn.
Brock, Laura Sophia	Stella, Wn.
Buchanan, Mrs. C. B.	Cornelius
Buxton, Jessie	Forest Grove
Caples, Oro Dell	Forest Grove

Clapp, Frances Benton	Forest Grove
Clapp, Gordon Adams	Forest Grove
Clapp, Edson Dwinell	Forest Grove
Dye, Emory Charles	Oregon City
Faulkner, Richard Walter	Roseburg
Ferrin, Haskell	Forest Grove
Fletcher, William Thomas	Forest Grove
Gates, Mrs. O. B.	Hillsboro
Gates, Helen	Hillsboro
Haskell, Josephine	Evanston, Ill.
Haynes, Claire	Forest Grove
Heidel, Bertha Inez	Hillsboro
Hoge, Jessie	Forest Grove
Hoover, Maude	Hillsboro
Hyde, Ruby Nell	Forest Grove
Jackson, Vera Carolyn	Hood River
Knapp, John Carl	Oregon City
Lamkin, Alta	Hillsboro
Lamkin, Charles	Hillsboro
Lancefield, Mrs. Lynn	Forest Grove
Luce, Bertha	John Day
Luce, Mary	Forest Grove
Macrum, Mrs. Lizzie M.	Forest Grove
McEldowney, Mrs. Wilbur	Forest Grove
McHaffie, Blanche	Condon
Marsh, Winifred	Forest Grove
Marsh, Gertrude Emily	Forest Grove
Merriman, Alice	Hillsboro
Millis, Harold Burr	Portland
Milne, Elizabeth	Hillsboro
Moseley, Ethel Belle	Vancouver, Wn.
Osmund, Minnie	Hillsboro
Payne, Grace	Forest Grove
Robbins, Ford Preston	Forest Grove
Roberts, Marguerite	Carlton
Rogers, Faith Helen	W. Superior, Wis.
Sewell, Alice Eleanor	Hillsboro
Sewell, James Ambrose	Hillsboro

Shannon, Maude Agnes	Forest Grove
Shannon, Mary Kathryne	Forest Grove
Smith, Nora Ethel	Forest Grove
Smith, Bessie May	North Yamhill
Sorensen, Frances Thora	Forest Grove
Stockman, Mrs. Dora H.	Forest Grove
Thompson, Lida	Forest Grove
Tongue, Florence	Hillsboro
Traver, Walter	Forest Grove
Vaughn, Mrs. Maud	Forest Grove
Waggoner, Lura	Hillsboro
Waggoner, Wilma	Hillsboro
Warren, Minnie	Hillsboro
Watts, Maude Lucile	Scappoose
Wells, Mrs. Laura	Forest Grove
Wilson, Una Pearl	Dufur
Wirtz, Mrs. T. J.	Forest Grove
Yoder, Arthur Elias	Forest Grove
Yoder, Harriet Jane	Forest Grove

SUMMARY OF STUDENTS.

College	48
Academy	123
Conservatory of Music	71
Total	242
Deduct number counted more than once	33
Total number of different students for the Academic year 1901-1902	209

WINNERS OF TIBBALS PRIZES.

FOR 1902

First prize.....William Green Hale
Second prize.....William Gillman Hare

OFFICERS OF THE ASSOCIATE ALUMNI.

PRESIDENT:

*Raleigh Stott, '69 .....Portland

VICE-PRESIDENT:

William T. Fletcher, 1900.....Forest Grove

SECRETARY AND TREASURER:

Mrs. J. R. Robertson, '96 .....Forest Grove

*Obit. 1901.

ALUMNI.

1863

Harvey W. Scott, A. M., Editor-in-Chief Oregonian	Portland

1866

Geo. H. Durham, A. M., Attorney-at-Law	Portland
Myron Eells, D. D., Congregational Clergyman	Twana, Wn.
Edward B. Watson, A. M., Attorney-at-Law	Portland

1867

John Q. A. Bowlby, A. M., Attorney-at-Law	Astoria
J. Elkanah Walker, A. M., D. D., Missionary, A. B. C. F. M.	Foochow, China
David Raffety, B. S., M. D., Physician	Portland

1868

Charles C. Hall, A. M., Farmer	Portland
Thomas H. Tongue, A. M., M. C., Fifty-sixth Congress	Hillsboro

1869

Jacob Hoover, A. M., obit. 1898	Spokane, Wn.
Raleigh Stott, A. M., obit. 1901	Portland
Harriet (Hoover) Killin, M. S.	Portland

1870

Frank L. Stott, A. B., obit. 1873	Gaston
Addison A. Lindsley, A. B., Business	Portland
Georgiana (Brown) Bowlby, M. S.	Astoria
Phoebe Irene (Clark) Davis, M. S.	Portland
Candace A. (Neal) Luce, M. S.	Forest Grove

1872

Henry B. Luce, A. B., Farmer	Forest Grove

1873

Levi C. Walker, A. M., Surveyor	Forest Grove
William R. Bilyeu, B. S., Attorney-at-Law	Albany
W. D. Lyman, A. M., Professor of History and of the English Language and Literature, Whitman College	Walla Walla, Wn.
Mary (Goodell) Burt, M. S.	Yoncalla
Sarah I. Lyman, M. S.	Portland

1874

Eugene P. McCornack, A. B., Banker	Salem
Herbert F. McCornack, A. B., M. D., Postmaster	Eugene
Willard H. Latourette, B. S., Baptist General Missionary	McMinnville
Jacob G. Stevenson, B. S., Farmer	Eugene
Dora (Henshaw) Morgan, M. S.	Black Diamond, Wn

1875

Hattie (Martin) Vestal, B. S.	Snohomish, Wn.
S. Belle (Putnam) Walker, M. S.	Forest Grove

1876

Edward M. Atkinson, A. B.. Attorney-at-Law	Portland
Hatstara Tamura, A. M., Principal Female Seminary	Kioto, Japan
James T. Martin, B. S., (M. D., University Michigan, 1883)	Woodland, Cal.
Yei Nosea, A. M., obit. 1895	Tokio, Japan
Kin Saito, B. S., (LL. B., University Michigan, 1871), Chief Justice of the Court of Hokkaido	Hakodate, Japan
Ella (Watt) Jackson, M. S.	Pullman, Wash.

1877

William K. Curtis, B. S., Farmer	Forest Grove
Charles W. Schaff, B. S., M. D.	Lewiston, Idaho
Tabitha A. (Clark) Ebert, M. S.	Vancouver, Wn.

1878

Laura M. (Hoxter) Whalley, A. B.	Portland
DeWitt Clinton Latourette, A. M., Attorney-at-Law and Banker	Oregon City
Horace S. Lyman, A. M., Congregational Clergyman, Co. School Supt.	Astoria
Ella (Scott) Latourette, A. M.	Oregon City
Milton W. Smith, A. M., Attorney-at-Law	Portland
Mary A. (Cresswell) Eagen, M. S.	Pendleton
Mary S. Eaton, M. S., obit. 1882	Oswego
Elvia H. Fearnside, M. S., obit. 1879	Forest Grove
Mary F. (Lyman) McCoy, M. S.	Portland
Samuel R. Stott, B. S., Attorney-at-Law	Baker City

1879

William N. Barrett, B. S., Attorney-at-Law	Hillsboro
Frank M. Beckwith, B. S., Merchant	Mayview, Wn.

1880

Newton McCoy, A. B., Attorney-at-Law	Portland

1881

George W. Coplen, A. B., obit. 1898	Latah, Wn.
John T. Whalley, A. M., Attorney-at-Law	Portland
J. Alfred Watt, B. S., (M. D., Univ. of Michigan) Physician	Hood River

1882

Mitchell Gilliam, A. B., Attorney-at-Law	Seattle, Wn.
Barnett Y. Roe, A. B., Postmaster	Dewey
Mary Virginia Keene, M. S., Teacher	Salem

1883

Napoleon Davis, A. M., Attorney-at-Law	Portland
Adelaide (Poppleton) Harding, A. B.	Portland
Anna Jackson, M. S., Teacher	Portland

1884

Joseph Beek, A. B.	Portland

1885

Marion C. Adams, A. B., Teacher	Nez Perces, Idaho
Margaret J. (Macrum) Byrd, M. S.	Salem
Silas M. Shipley, B. S. (LL. B., University Oregon, 1888), Attorney-at-Law	Seattle, Wn.

1886

James R. Marsh, A. B., Farmer	Molalla
J. Wheelock Marsh, A. B., Bookkeeper	Portland
Laura (Marsh) Cadwell, M. S., obit. 1901	Forest Grove

1887

William D. Wood, A. B., (M. D., University Michigan, 1890), Physician	Hillsboro
Callie (Campbell) Montgomery, M. S.	Glendale
Mary Gray, M. S., obit. 1890	Portland
Ethel Gray, M. S., M. D. (University of Oregon, 1899)	Portland
Nellie (Woods) Adams, M. S.	Forest Grove
J. C. Clark, B. S., Photographer	San Bernardino, Cal.

1888

Estella S. Porter, A. B., obit. 1889	Forest Grove
Fred N. Hallett, B. S., Merchant	Lewiston, Idaho
Frank Hinman, B. S.	Forest Grove
William P. Marsh, B. S. (A. B., U. Vt., 1895), with Estey & Camp	Chicago, Ill.
John U. Smith, B. S. (LL. B., University Oregon, 1890), Attorney-at-Law	Hilo, Hawaii

1889

Mattie E. (Koontz) Smith, B. S.	Hilo, Hawaii
Sidney E. Marsh, A. B., obit. 1890 1890	Port Townsend, Wn
Clay McNamee, B. S., Attorney-at-Law	Grangeville, Idaho

1890

William S. Macrum, A. B. (LL. B., Univ. of Oregon, 1897), Bank Teller	Portland
Gustaf Walter Nelson, A. B., Congregational Clergyman	Ashland
Mary Ellen Lee, M. S., Teacher	New Whatcom, Wn
Alexander C. Alexander, Farmer	Forest Grove
Lafayette Lincoln Bush, B. S., Merchant	Bay Center, Wn.

1891

William A. Bates, B. S., Bookkeeper	Corvallis
Margaret Hinman, B. L., Bookkeeper	Forest Grove
John S. Hodgin, B. S., Attorney-at-Law	Enterprise
John A. Lee, A. B., Teacher	New Whatcom, Wn
Mary E. (Patton) Snider, A. B.	Ferndale, Cal.
Asa B. Snider, A. B., Pacific Theological Seminary, Congregational Clergyman	Ferndale, Cal.

1892

William A. Bond, B. S.	Chehalis, Wn.
Jesse R. Caples, B. S., Merchant	Forest Grove
Ernest E. Merges, B. L., Attorney-at-Law	Portland
Edward L. Naylor, B. L., Real Estate	Forest Grove
Pem Patton, B. S., Farmer	Gaston

1893

E. Austin Bond, A. B., Teacher	Chehalis, Wn.
Nancy B. (Morrison) Thomas, B. L.	Shelburne
Horace D. Stewart, A. B., Assayer	Grant's Pass
Loring V. Stewart, A. B., LL. B. and M. L. (Yale), Lawyer	Grant's Pass
Dwight H. Thomas, B. S., Farmer	Shelburne
Edith L. (Tongue) Reames, B. L.	Jacksonville

1894

Thomas Hayes Adams, A. M., Merchant	Forest Grove
Austin Craig, B. L., Editor	Sumpter
Fred Ross Smith, A. B., Merchant	Sheridan, Wyo.

1895

Florence McKercher, A. B., obit. 1898	Portland
William S. Shiach, A. B., Law Student	Colfax, Wn.

1896

Ruel M. Bisbee, B. S., Farmer	Forest Grove
Ida M. Eells, A. B., Teacher	Tacoma, Wn.
M. Catherine (Lansing) Robertson, A. B.	Forest Grove
John W. Macrum, B. S., Civil Engineer	Astoria
Emma E. (Stewart) Bradley, A. B.	Forest Grove

1897

Philip E. Bauer, B. S.,Chicago Theo. Seminary, Congregational Clergyman	Ashland, Wis.
Charles E. Bradley, M. S., Professor Chemistry in T. A. and P. U.	Forest Grove
Harvey H. Hartley, A. M. (M. D., Univ. of Oregon, 1900), Physician	Goldendale, Wn.

1898

Homer C. Atwell, A. B., Postmaster	Forest Grove
Lorena Gleason, B. L., Teacher	Olympia, Wn.
Joseph E. Kirkwood, A. B., Instructor in Botany, Syracuse University	Syracuse, N. Y.
Frederick L. Marsh, A. B., Dental Student	Portland
John Miller, A. B., Theol. Student	Andover, Mass.

1899

Liberta Brown, A. B., Teacher	Chehalis, Wn.
Blanche L. (Garrison) Bauer, B. L.	Ashland, Wis.
George L. Haskell, B. S., Business	Youngstown, Ohio
Minnie May (Lieser) Fletcher, A. B.	Forest Grove
Lois West (Parker) Myers, A. B.	Portland
Horace M. Ramsey, A. B., Student	Berkeley, Cal.
Beulah Warner, A. B., Teacher	Medford
Tacy (Wilkinson) Atkinson, B. L., Missionary, A. B. C. F. M.	Turkey

1900

Vinson Evan Boardman, B. L., Teacher	Mitchell
William Thomas Fletcher, B. S., Instructor T. A. and P. U.	Forest Grove
Lynn Lancefield, B. L., Clerk	Forest Grove
Jessie Lancefield, A. B.	Amity
Winifred Marsh, B. L.	Forest Grove
Ella Sabena Mason, B. L., Teacher	Portland
Alfred Deihl Schoch, B. S., Student	Paris, France
James Wesley Shiach, A. B.	Seattle, Wn.
Thomas H. Tongue, Jr., B. L., Law Student	Washington, D. C.
Jeremiah Walker, B. L., Business	Axford, Wn.

1901

Archibald Anand Atkinson, Instructor Biology Pacific University	Forest Grove
Lora Fern Butler, Teacher	Lakeview
Rose Jane Long	Bandon
Gertrude Emily Marsh	Forest Grove
Alfred Myron North, Teacher	North Yamhill
Fern Frances Stout, Teacher	Dayton
Mildred Mary Tibbals	Salt Lake City
Elda Rema Walker, Teacher	Snohomish, Wn.
Leva Belle Walker, Teacher	Puyallup, Wn.

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